

Appl. No. 10/748,527
Amdt. dated April 17, 2006
Reply to Office Action of October 17, 2005

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. - 29. (canceled)

30. (currently amended) A supply canister, usable in orbit, comprising:
an internal space for containing supply materiel;

at least two docking ports adapted to allow for simultaneous docking of two docking elements, wherein the supply canister is configured to obtain at least one of orbital stability, for stabilizing the supply canister against rotation while in orbit, and propulsion from one or both of the docking elements, the two docking ports configured to allow the supply canister to be driven by one of the docking elements into position for docking to the other of the docking elements; and

electrical interconnects for connecting a supply canister electrical system with an electrical system of a docking element docked at a docking port of the supply canister or to be docked to a docking port of the supply canister.

31. (previously presented) The supply canister of claim 30, wherein the supply canister is an unpressurized canister.

32. (previously presented) The supply canister of claim 30, wherein the supply canister is a pressurized canister.

33. (previously presented) The supply canister of claim 30, wherein the supply canister is approximately cylindrical and is shaped to support pressurization without concentrated stress points.

34. (previously presented) The supply canister of claim 30, wherein the supply canister is approximately cylindrical and the at least two docking ports include one docking port

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at a first axial location of an approximate cylinder and a second docking port at a second axial location opposite the first axial location.

35. (previously presented) The supply canister of claim 30, further comprising a power subsystem for supplying power to canister components.

36. (previously presented) The supply canister of claim 30, further comprising a communication subsystem for communicating with docking elements docked to a docking port of the supply canister or to be docked to a docking port of the supply canister.

37. (previously presented) A supply canister, usable in orbit, comprising:
an internal space for containing supply materiel; and
at least two docking ports adapted to allow for simultaneous docking of two docking elements, including a first docking port at a first axial location of an approximate cylinder that is a Cone docking port and a second docking port at a second axial location opposite the first axial location that is a Probe docking port;

wherein the supply canister is configured to obtain at least one of orbital stability, for stabilizing the supply canister against rotation while in orbit, and propulsion from one or both of the docking elements.

38. (currently amended) A supply canister, usable in orbit, comprising:
an internal space for containing supply materiel;
at least two docking ports adapted to allow for simultaneous docking of two docking elements, including a first docking port that is a Cone docking port and a second docking port that is a Probe docking port, wherein the supply canister is adapted to be docked to an intermediate space vehicle at the Cone docking port and one or both of a launch vehicle and a powered space platform at the Probe docking port simultaneously,

wherein the supply canister is configured to obtain at least one of orbital stability, for stabilizing the supply canister against rotation while in orbit, and propulsion from one or both of the docking elements.